



Our Specialized Center

# CLINICAL CHEMISTRY

PURELAB<sup>+</sup>

# OVERVIEW

PureLab is proud to introduce its Clinical Chemistry Specialized Center, a cutting-edge facility within our expansive laboratory network that offers high-complexity biochemical testing services. Equipped with fully automated, robotic, and state-of-the-art technology, our Center provides comprehensive general chemistry

coverage. What sets us apart is our special chemistry services, which include processing unusual samples, implementing atypical processing procedures, utilizing complex analytical methods, conducting multiplexed analyses, and providing multifaceted interpretations.



## Accreditations

Our Clinical Chemistry Specialized Center is accredited by the College of American Pathologists (CAP), ISO, and JCI and adheres to their stringent quality standards. This accreditation ensures that our laboratory maintains the highest level of quality and accuracy in our testing processes.



# OUR SERVICES



## Routine Clinical Chemistry Metabolic Panels

- **Lipid Profile**  
Comprehensive assessment of lipid levels for cardiovascular risk evaluation.
- **Renal Panel**  
Evaluation of kidney function through the analysis of electrolytes, creatinine, and other markers.
- **Hepatic and CVD Panels**  
Assessment of liver function and cardiovascular risk factors.
- **Protein Peptide Assays**  
Measurement of specific protein markers for various clinical indications.
- **Hormone Profile**  
Analysis of hormone levels to assess endocrine function.





## Toxicology Section

- **Drug Abuse Screening**  
Comprehensive testing for the presence of illicit drugs and substances.
- **Therapeutic Drug Monitoring**  
Quantification of drug levels to optimize medication dosing and ensure therapeutic efficacy.



## Urinalysis

- Comprehensive analysis of urine samples to assess kidney function, detect urinary tract infections, and identify other urinary abnormalities.



## Special Chemistry

- **High-Performance Liquid Chromatography (HPLC)**  
Utilization of advanced chromatographic techniques for the analysis of specialized compounds.
- **Enzyme-Linked Immunosorbent Assay (ELISA)**  
Detection and quantification of specific antigens and antibodies.
- **Serum Protein Electrophoresis (SPEP) Assays**  
Assessment of protein fractions in the blood for diagnostic purposes.

# OUR EXPERTS

Our Clinical Chemistry Specialized Center is staffed with highly experienced laboratory professionals who are dedicated to delivering accurate and reliable results. We have a team of specialized consultants and specialists who collaborate to ensure the highest level of expertise and quality in our services.

- **Dr. Najood Omar**  
MBBS, Mphil Molecular Diagnostics, MSc Edu, Specialist Physician, Certified by the American Board of American Quality
- **Dr. Ritamoni Sengupta**  
MD, Specialist in Clinical Chemistry
- **Dr. Yusra Othman**  
PhD (Chemical Pathology), Post-Doc Fellowship in Chemical Pathology (USA), Certified by the American Board in Clinical Chemistry

***“We are always dependable and committed to excellence in clinical chemistry by leveraging advanced technology through a team trained to provide the highest quality testing and interpretation services.”***

## **PureLab™ HQ**

13, Tunb Al Kubra Street, Al Rawdah  
Abu Dhabi, UAE. P.O Box 134808

**T** +971 2 693 6444 | 800 700 522 (LAB)  
**E** [customercare@purelab.com](mailto:customercare@purelab.com)

 [pureLab](#)  [pureLabae](#)  
 [\\_pureLab](#)  [purelab.com](http://purelab.com)